

V. A. Zagoruchenko

Equation of State and Thermodynamic Properties of  
Methane.

RUSSIAN, per, Inzhenerno-Fizicheskii Zhurnal,  
Vol 4, No 11, 1961, pp 59-63  
NTC 72-13363-07D

Oct 72

V. A. Zagoruchenko

Thermodynamic Properties of Ethane up to 400°C  
and 300 ATM.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh  
Zavedeni. Khimiya i Khimicheskaya Tekhnologiya,  
Vol 5, No 5, 1962, pp 734-738  
NTC 72-13381-07D

Oct 72

V. A. Zagoruchenko

Analysis of Thermal Data and Equation of State  
for Ethane.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh  
Zavedenii, Neft i Gaz, No 10, 1961, pp 85-90  
NTC 72-13382-07D

Oct 72

Zagoruchenko, A.  
GRADING. Trans. on Soviet Geodesy 1925-40.  
10 Jan 61. 10p. JPRS: R-112-N/32.  
Order from OTS \$0.50

61-21020

Trans. of Geodezist (USSR) 1934 [v. 10] no. 8,  
p. 20-27.

(Earth Sciences--Geodesy, TT, v. 5, no. 8)

61-21020

1. Geodesics--Theory
2. Geophysical surveying--  
USSR
- I. Zagoruchenko, A.
- II. Title: Soviet...
- III. JPRS-R-112-N/32
- IV. Joint Publications Research  
Service, New York

Office of Technical Services

Thermodynamic Properties of Ethane up to 400°C 59  
and 300 MPa, by V. A. Zagoruchenko. 5 pp. 103  
RUSSIAN, per, Izvestiya Vysshikh Zavedenii.  
Khimiya i Khimicheskaya Tekhnologii, Vol 5, 111  
1962, pp 734-738. 113  
\*CNSI TT 69-55049

V. A. Zagoruchenko  
sci/chem/str,  
mar 69

Analysis of Thermal Data and Equation of State  
for Ethane, by V. A. Zagoruchenko,  
A. A. Vasserman. 6 pp.  
RUSSIAN, per, Izvestiya Vysshiykh Uchebnykh  
Zavedanii. Seriya 1 Fiz., No 10, 1961, pp 85-90.  
\*CERN TT 69-55046

sci/physics  
mar 69

*V. A. Zagoruchenko*

Comparison of Project of Skeleton Steam Tables  
with Experimental Thermal and Calorific Data,  
by V. A. Zagoruchenko, 12pp  
RUSSIAN, per, Vol 10, 1963, No 9, pp 54-57  
CNS TR-59-19980

*V. A. Zagoruchenko*

Sci - Nuc Phys and  
Nuc Chem  
July 67

330,960

(NY-5022)

Equation of State and Thermodynamic Properties  
of Propylene, by Ya. E. Kazavchinskiy, V. A.  
Zagoruchenko, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol. XXIII, No 3,  
1959, pp 656-664.

JPRS 5868

Sci - Phys

Oct 60

129,561



Vapor Pressure of Liquid Methane, by V. A.  
Zagoruchenko.

RUSSEAN, per, Zhur Fiz Khim, Vol XXXIII, No 2,  
1959, pp 326, 327.

ATS RJ-2039

Sci - Chem  
Dec 59

103973

Electrochemical Desalting of Sea Water, by  
M. Orzherovskii, O. Zakharchuk, V. Zagoruiko.

RUSSIAN, per, Morskoy Flot, Vol XX, No 9,  
1960, pp 24-26. 9077521

Morris D. Friedman, Inc.,  
0-112

Sci - Geophys

Jul 61

158,311

Afterimages in the Visual System, by L. R. Zagorul'ko,  
19 pp.

RUSSIAN, per, Uspekhi Sovremennoy Biol, Vol 25, Nr 2,  
1948, pp 231-250. 9678617

FD-TT-62-492

Sci - Phys  
Nov 62

216 925

Physiological Processes in the Retina and in the  
Cerebral Cortex in the Formation of Trace Sensations  
in Man, by L. T. Zagorul'ko, T. M. Zagorul'ko, N. A.  
Mushkina, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR im I. M. Sechenova, Vol  
XLIV, No 4, 1958, pp 296-298.

Pergamon Inst

80,346

Sci & Med  
Feb 59

About the Course of Auditory Sequential Sensations  
After Awakening From Hypnotic Sleep, by L. T. Za-  
gorul'ko, Zn. A. Kless, L. N. Fedorov, 17 pp.

RUSSIAN, Fiz Zhur SSSR imeni I. M. Sechenov, Vol XXII,  
No 5, 1948, pp 567-576.

UNDA

CTG/DEX

Scientific - Medicine

4873

Physiological Processes in the Retina and in the  
Cerebral Cortex in the Formation of Trace Sensations  
in Man, by L. T. Zagorul'ko, T. N. Zagorul'ko, N. A.  
Mushkina, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova, Vol  
XLIV, No 4, 1958, pp 286-294.

Pergamon Inst

Sci - Med  
Feb 59

80,346

Electrophysiological Study of the Activity of the  
Visual Analyser in the Frog, by T. M. Zagorul'ko,  
10 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova, Vol  
XLIV, No 9, 1958, pp 928-937.

Pergamon Inst

Sci - Med

Feb 59

81,893

Localization of Visual Analyzer Centres in the Frog,  
by P. M. Zagerul'ko, 9 pp.

RUSSIAN, Zhur, 71a Zhur SSSR imeni I. M. Sechenova,  
Vol. 12, No. 12, 1957, pp. 1156-1165.

Pergamon Inst

Sci - Med  
Nov 58

76,073



Calculation of Fields of Magnetic Headgear on  
Electronic Computer, by N. G. Zagoruyko,  
V. I. Rozenberg, 29 pp.  
RUSSIAN, per, Trudy Sibirskogo Otdela Inst. Matem.  
Mashin. Poley Magnitnykh Golosok na Elektronnoy  
Mashine, Ak. Nauk SSSR, 1961, pp 2-33.

0590718

PTD-TT-64-852

Ecl - Elec  
May 65

280,451

The Use of the Doppler Effect for Investigating  
Processes in a Gas- Discharge Plasma, by  
Ye. V. Zagoryanskaya, P. S. Kireyev, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz,  
No 4, 1961, pp 163-167. 9676777

FTD-TI-62-323

Sci - Phys

198, 260

28 May 62

Using Cationites in a Fluidized Bed to Purify Industrial  
Waste Waters of Zinc Ions, by A.M. Kofanovski and Wa.  
M. Zagra, 5 pp.

RUSSIAN, per, Tsvetyne Metally, Vol VIII, No 12,  
1962, pp 35-39

PS

Sci

Apr 64

255,895

Thermochemical and Dilatometric Investigations  
of Crystallizable Polymer Gels, by  
S. I. Meerson, I. M. Zagayevskaya, 3 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,  
Mar, Apr, 1963, pp 197-201.

CB

Sci  
Aug 64

264,592

Thermochemical and Dilatometric Investigation  
of Amorphous Polymer Gels, by S. I. Meerson,  
I. M. Zagreuskaya, 3 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,  
Mar, Apr, 1963, pp 202-205.

CB

Sci  
Aug 64

264,593

The Preparation of Melamine From Diacyandiamide, by  
H. A. Gol'dberg, V. I. Zagranichnyi, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,  
1959, pp 635-637.

Consultants Bureau

118,956

Sci

Jun 60

Ultraviolet Absorption Spectra of Triazine  
Derivatives, by A. I. Finkel'shtein, V. I.  
Zagranichnyi, 6 pp.

RUSSIAN, per, Zhur Fiz Khim, USSR, Vol XXIX,  
No 11, 1955, pp 1937-1941.

*Handwritten:* 85-1435  
Assoc Tech Serv 25K268  
6.50

Sci - Phys  
OTE I, 4  
Apr 59

*Handwritten:* 85,251

(P4-1374)

The Role of Prophylactic Vitaminization  
in the Reduction of the Morbidity Rate,  
by I. S. Temper, B. V. Boibarov, A. A.  
Zakharov, A. S. Yezhov, and S. V.  
Kulshorov

RUSSIAN, no per, Voenno Med Zhur. N. 3,  
Moscow, Mar 1961, pp 49-51

S

US JPRS 9572

15-9, 316



The Influence of Moisture on the Process of  
Underground Gasification, by N. Z. Brushtein,  
V. S. Zagrebelskaya.

RUSSIAN, per, Podzemnaya Gazifikatsiya Ugley,  
No 3, 1957, pp 33-38.

Dept of Interior  
TN7, 157, No 77

Sci - Fuels, Geophys

Nov 59

100,442

The Influence of Static ~~EE~~ Pressure in an Under-  
ground Gas-Generator on the Characteristics of  
the Gasification Process, by V. S. Zagrebelnaya,

RUSSIAN, per, Podzemnaya Gazifikatsiya Ugley,  
No 2, 1957, pp 51-54.

Dept of Interior  
TN7, E57, No 153

Sci - Engr

Nov 59

100,605

Theory of Wetting Coal Layers by Adding Traces of  
Hydrocarbon Fluids, by A. A. Agroskin, V. S.  
Zagrebelskaya.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
No 3, 1945, pp 190-202.

Dept of Int  
US Bur of Mines  
Central Exper Sta  
Pitts., Pa. Tr 251

Sci - Chem

Jun 59

88, 550

Effect of Dispersity of  $\text{CuAl}_2$  Inclusions on the  
Temperature/Rate Dependence of the Mechanical  
Properties of Duralumin, by K. V. Savitskiy,  
M. P. Zagrebennikov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 6,  
1959, pp 48-60. 9065846

ATTC MCL-690/I

7 nov 60

Investigation of the Temperature Stability of Strain  
Distortions and the Kinetics of the Softening of  
Friction Surfaces, by K. V. Savitskiy, M. P. Zagrebanskii  
4 pp. KovA

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3, 1958,  
pp 490-.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 2

Sci - Phys

Jul 59

91,877

Influence of the Forced Slip of Faces in Plastic Compression of Metals, by K. V. Savitskiy and M. P. Zagrebennikova, 5 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 1, 1957, pp 113-119.

Pergamon Inst

Sci - Min/Mat  
Nov 58

76,119

To the Question of the Nature of the Plastic  
Deformation of the Surface Layers of Rubbing  
Bodies, by K. V. Sevitskiy, M. P. Zagrebennikova,  
7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIII, No 4, 1955, pp. 605-608.

DSR/35797-CT  
Morris D. Friedman  
\$3.50

Scientific - Physics  
Jun 56 CTS/dext

34,969

The Determinations of the Undulations of the Geoid  
by Considering Terms of the Order of the Flattening  
of the Terrestrial Ellipsoid, by D. V. Zagrebin.

RUSSIAN, per, Byulleten' Inst Teoret Astron, Ak Nauk  
SSSR, Vol. IV, No 8 (61), 1950, pp 402-407.

ACIC

Sci - Astron

Mar 62

187, 0.36



Differences of the Principal Moments of Inertia of the  
Triaial Earth, by D. V. Zagrebina.

RUSSIAN, per, Byulleten' Inst Teoret Astron, Ak Nauk  
SSSR, Vol IV, No 8 (61), 1950, pp 390-401.

ACIC

Ec1 ~ Astron

Mar 62

187,100

Problem of the Accuracy of Stokes Formula, by D. V.  
Zagrebin.

RUSSIAN, par, Byulleten' Inst Teoret Astron, Ak Nauk  
SSSR, Vol IV, No 3 (56), 1949, pp 134-141.

ACIC

Sci . Geophys

Mar 62

187,122

The Theory of the Regularized Geoid, by D. V.  
Zagrebina.

RUSSIAN, per, Trudy Inst Teoret Astron, Ak Nauk SSSR,  
Vol I, 1952, pp 87-222.

ACTC

Sci - Astron

187,118

Mar 62

Obtaining Lunar Ephemerides Using Analytic Computers,  
by D. V. Zagrebin.

RUSSIAN, per, Byulleten' Inst Teoret Astron, Ak Nauk  
SSSR, Vol V, No 8 (71), 1953, pp 546-559.

ACIC

Sci - Astron

Mar 62

187,098

The Method of Amending Brown's Tables With a View  
to Improving the Ephemeris of the Moon, by D. V.  
Zagrebin, 9 pp. UNCLASSIFIED

RUSSIAN, bino per, Astron Zhur, Vol XXX, No 1,  
Jan/Feb 1953, pp 93-99

Nav, Tr/870/CM11222

Scientific - Astronomy  
CTS

7194

On the Effect of Change in Deformation Rate on  
Plastic Deformation, by L. I. Vesilyev, A. S.  
Bylina, M. P. Zagrebennikova.

Full translation.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XO,  
No 5, 1953, p 767-769.

NSP 138

Scientific - Physics

CTS/DEX

8355

The Effect of Density on the  
Current Increment of Scots Pine  
Stems, by V. V. Zagrebov.  
RUSSEAN, per. Lesnoe Khozyaistvo,  
Vol. XV, No. 11, 1962, pp 42-47.  
"CESTI" TT 65-51103

*V. V. Zagrebov*

Sci-Agr  
Mar 66

The Stokes Formula for the Case of a  
Ellipsoidal Level Surface,  
by G. U. Zagrosin  
Moskva, 1962, Nauch Zapiski Ser. 600,  
no. 65, 1962, pp 68-82.  
\*Dept of Army/Comographic

80

*Zagrosin, G. U.*

1962 - 25  
1962 - 66



Zagrodzki, S. and Zaorska, H.  
LE PARTAGE DU POTASSIUM ET DU SODIUM PAR  
LA "IONISATION" A L'AIDE DE CARBONATE D'AM-  
MONIUM (Oddzielanie Potasu od Sodiu na Drodze Joni-  
tacji za Pomoca Węzlanu Amonowego) (Separation of  
Potassium and Sodium by Ionization). 25p. (foreign  
text included) 15refs. CNRS-VIII bis 331.  
Order from DTS, ETC or CNRS \$2.60 TT-62-28170

Trans. in French of Roczniki Chemii (Poland) 1955,  
v. 29, no. 2-3, p. 902-911.

DESCRIPTORS: \*Potassium compounds, \*Carbonates,  
Sodium compounds, Separation, Ion exchange,  
\*Purification.

(Chemistry-Physical, TT, v. 11, no. 9)

TT-62-28170

- I. Zagrodzki, S.
- II. Zaorska, H.
- III. CNRS-VIII bis 331
- IV. Centre National de la Recher-  
che Scientifique, Paris

Office of Technical Services  
European Translations Centre

Production of a diagnostic antigen for the complement-  
fixation test in tick-borne encephalitis, by N. K.  
Tiushniyakova, M. S. Zagorodova, Yu. V. Federov,

4 pp.

Russian, per: Voprany Virusolog, Vol V, No 2, 1960,  
pp 204-206.

FP

Sci

Jan 61

136, 313

External Photoeffect From the Surfaces of Organic Semi-  
conductors, by F. I. Vilesov, A. A. Zagrubskii, 5 pp.

RUSSIAN, paper, Fiz Tverdogo Tela, Vol V, No 7, 1963,  
pp 2000-2006.

Amer Inst Phys  
Sov Phys - Solid State  
Vol V, No 7

Sci  
Jan 64

249,097

91  
Measurement of the Self-diffusion Coeffi-  
cient of Gold, by A. M. Zaprutskiy  
Russian, per, Izvest. Akad. Nauk SSSR.  
Ser. Fiz. No. 6, 1937, pp. 903-913  
\*CPSTT TT 70-57030

Sci/Phys  
Feb 70

A. M. Zaprutskiy

On the Possibility Of Using an Evaporation Method  
For Determining the Coefficient Of Intermetallic  
Diffusion by A.M. Zagrebaki.

RUSSIAN, per, Zhurnal Tekhnicheskoi Fiziki, Vol IX,  
No 19, 1939, pp 1767-1770.

CSIRO

Oct. 62

Zagrubskiy, A. M.

THE MEASUREMENT OF THE COEFFICIENT OF  
SELF-DIFFUSION OF GOLD. [1960] 15p. (includes  
foreign text) 10 refs. M1667.

Order from LC or SLA mi\$2.40, ph\$3.30 61-13508

Transl. of Akademiya Nauk SSSR. Izvestiya. [Seriya  
Fizicheskaya] 1937 [v. 1] no. 6, p. 903-913.

61-13508

- I. Gold--Diffusion
- I. Zagrubskiy, A. M.
- II. DSIR LLU M.1667

DSIR LLU M.1667

Office of Technical Services

(Unannounced)

(NY-3000)

MACHINES ARE NEEDED FOR HARVESTING POTATOES,  
BY N. ZAGRUESKIY, G PLESHAKOV, 6 PP.

RUSSIAN, NP, EKON GAZETA, NO 10(31)  
5 MAR 1962, P 18.

JPRS 14216

USSR  
ECON  
JUN 62

201,271

Wear Resistance of Chromium Plates, by V. I.  
Arkharov, Z. M. Zagrubskiy, S. A. Nemmonov.

RUSSIAN, per, Vestnik Metallo, Vol XX, No 10,  
1940, pp 13-15.

Brutcher Tr 1525

Scientific - Min/Metals

12,845  
\$3.45



(K1-1277)

After-Images in Flight Activity, by  
V. P. Zagryadskiy, N. M. Lomonosov

RUSSIAN, no per, Voyenno-Avial. Zhurn., W-  
8, Moscow, August 1961, pp 61-64

176,489

Sci

US EPRS: 11258

Dec 61

Changes in the Contents of Sugar, Potassium and Calcium  
in the Blood and Cerebrospinal Fluid in Hypoxaemic  
Convulsions, by V. P. Zagriada<sup>25</sup>, 6 pp.

RUSSIAN, per: Fiz Zhur SSSR in I. M. Sechenov,  
Vol XLV, No 1, 1959, pp 103-109.

Pergamon Inst

Sci - Med

Jul 59

91,742

Comparative Characterization of the Effect  
of Phenamene and Phenatene, by V. I. Gusachenko,  
V. P. Zagryadskiy, L. K. Chulovskiy, 7 pp.

RUSSIAN, mo per, Voenno Meditsinskiy Zhur,  
No 1, Jan 1955, pp 41-45, Encl to IR-1045-55.  
CIA D 312227.

AF 686849

USSR  
Sci - Medicine

30,045

(NY-3,341)

Investigation of the Motion of Electrons Beams in  
Weakly-Inhomogeneous High-Frequency Fields, by  
D. M. Bravo-Zhivotovskiy, B. G. Yeregin, Ye. V.  
Zagryadskiy, M. A. Miller, S. B. Mochenev, 18 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,  
Ser Radiotiz, Vol II, No 1, 1959.

JPRS 5279

Sci - Phys

Oct 60

127,286

76  
Experimental Combustion Chamber  
with Water Cooling, by A. A. Nikulin  
and M. N. Zagryarkin.  
RUSSIAN, per. Trans. Acad. Sci. USSR,  
Mathematical Division, 1940, Vol. V,  
pp. 27-33.  
FTD-TT-46-1232

M. N. ZAGRYARKIN

SECRET  
JAN 1948

Development of Flame After Ignition by Stabilized  
and Nonstabilized Electric Spark, by N. N. Zagryazkin,  
16 pp. POST EDITED

RUSSIAN, per, Trudy Inst Dvigatelay, Ak Nauk SSSR,  
No 6, 1962, pp 110-117. 9693506

FTD-MT-64-03

NO GOV'T USE ONLY

Sci - Engr  
Aug 64

265,174

Description and Keys to the Genera of the  
Subfamily Tineinae (Lepidoptera, Tineidae), by  
A. K. Zaguliyev, 8 pp.

RUSSIAN, per, Entomolog Obozr, Vol XXVII, No 4,  
1958, pp 920-928.

AIBS

Sci -  
Jan 61

137,086

Organization of Church Services for Schoolchildren,  
by V. Zaslavskiy, 1961.  
Revised, 1961. Book Petrskiy Dneprovsk, No 9, 1961,  
12 p. 12 x 18 cm.  
1961 1961

THE  
FEDERAL  
BUREAU OF  
INVESTIGATION

203,967



54  
Insects - Lepidoptera - True Moths (Tineidae),  
by A. K. Zaguliyev  
RUSSIAN, rpt, Akademiya Nauk SSSR, Fauna SSR,  
New Series 73, 1960, 266pp  
REF ID: A68-50690

Sci-1004  
Aug 68

A. K. Zaguliyev

Lunar Tidal Fluctuations in the Ionosphere,  
by V. A. Zaguliyeva, 5 pp.

RUSSIAN, part, Trudy Nauch Issled Inst  
Zemnogo Magnetizma, Ionosfery i Raskrostraneniya  
Radiovoln, Ak Nauk SSSR, No 17 (27), 1960,  
pp 282-286.

MDF 2-136  
9093247

Sci

173.955

Insects Lepidoptera. True Moths... Thiridae,  
by A. K. Zaslavskiy,  
MOSCOW, U.S.S.R., Entomologicheskoye Obozreniye. Moscow-  
ustskaya Biblioteka (Entomology), Vol IV, No 2, 1964,  
434 pp.  
#CIBET 40 67-51342

38

Sci-100A  
Rev (S)

Certain Species of Fungivorous Moths of the  
Genus *Neurothaumasia* Le March. (Lepidoptera,  
Tineidae, Nemapogoninae), by A. K. Zagulyayev,  
7 pp.

RUSSIAN per, Entomolog Obozreniya, Vol 22, No 1,  
1961, pp 218-224.

AIDS

Sci

Sep 61

169,263

The Genus *Monopis* Hb (Lepidoptera, Tineidae) and Its  
New Species, by A. K. Zagulyayev, 31 pp.

RUSSIAN, per, Trudy Zoolog Inst Ak Nauk SSSR, Vol  
XXI, 1955, pp 278-291.

DSIR/48360/RT  
Sci Mus Lib Tr 57/0226

Sci - Biol  
Jun 57

48,458

The Felt Moth (Lepidoptera, Tineidae),  
a new Pest of Industrial Woollen Stock, by  
A. K. Zagulyayev, 12 pp.

RUSSIAN, per, Zoologicheskii Zhurnal, Vol XXXIII,  
No 2, 1954, pp 452-460.

25,174

Sci Mu Lib Tr 55/0844

Scientific - Biology

Jul 55 CTS

A New Genus and Species of Fungus Moths  
(Lepidoptera, Tineidae), by A. K. Zagulyayev,  
5 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXVIII, No 4,  
1959, pp 879-884.

AIRS

Sci

Jan 61

136,295

The Genus *Monopis* Hb. (Lepidoptera, Tineidae) and  
Its New Species, by A. K. Zagulyayev.

RUSSIAN, per, Trav Inst Zool Acad Sci URSS, Vol  
XXI, 1955, pp 278-291.

DSIR/29354/CT

Sci - Biology  
Sep 57

52,389



On the ~~Bit~~ Biology of the Clothes Moth (*Tineola*  
*Biselliella* Humm.) and of a Few Species - the  
Furniture Moth (*Tineola* *Furciferella* Zagulajev,  
sp.n.), by A. K. Zagulyayev, 22 pp.

RUSSIAN, per, Trudy Zool Inst Ak Nauk SSSR,  
Vol XV, 1954, pp 154-169.

24,352

Sci Mu Lib Tr 55/0633

Scientific - Biology Jun 55 CTS

Fluorination of 1,1,3,3-Tetrachlorophthalane  
Derivatives, by L. M. Yagupol'skiy,  
R. V. Belinskaya, 6 pp.

RUSSIAN, per, Zhur Obsch Khim, Vol XXXIII,  
No 7, 1963, pp 2358-2363.

CB

Sci  
Aug 64

264,576

Diazastyryls With Substituents Containing  
Fluorine, by L. M. Yagupol'skiy,  
L. Z. Gandel'sman, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,  
No 7, 1963, pp 2301-2306.

CB

Sci  
Aug 64

264,571

Zaguskin, V. L.  
HANDBOOK OF NUMERICAL METHODS FOR  
SOLUTION OF EQUATIONS. [1961] 196p.  
Order from PP \$6.50

Trans. of unidentified Russian (?) mono., n.p., n.d.

DESCRIPTORS: \*Applied mathematics, \*Handbooks,  
Mathematics, \*Equations, Numerical methods and  
procedures.

(Mathematics, TT, v. 7, no. 3)

62-12250

I. Zaguskin, V. L.  
II. Pergamon Press, Inc.,  
New York

137510

Office of Technical Services

100-100000 (12)  
Cable and Log Rolling of Gears, by V. L. Bagurskiy  
5 pp.

RUSSIAN, per, Mashinostroitel', No 12, 1960,  
pp 29, 30.

APR 1961

Sci - Engr

Jun 61

153,870

Potential Cytotoxic Groupings III. N-Ethyl-  
and N-2-Chloroethyl-N-Arylsulfamic Esters, by  
L. S. Yaguzhinskiy, A. Ya. Berlin, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,  
No 9, 1964, pp 3078-3081.

CB

Sci  
Aug 64

264,555

The Present State of the Technology of Thermal  
Manufacture of Phosphoric Acid, by K. I. Zag-  
vodkin, 21 pp.

RUSSIAN, Per, Zhur Khim Prom, No 11, 1938, pp  
33-40.

SLA R-3319

Sci

Aug 59

94,170

Investigation of the Conditions for the Oxidation of  
Phosphorus in the Gas Phase by Means of Atmospheric  
Oxygen, by K. Zagvozdkin, N.  
Barillo, 18 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIV, 1940, pp 505-  
512.

SLA/R-2477

Sci  
Apr 59

84,912



The Equilibrium of the System  $P_2O_5H_2O$ , by K. I.  
Zagvordkin, Y. M. Rabinovich, N. A. Barilko, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XIII, 1940,  
pp 29-36.

SLA/R-2595

Sci  
Apr 59

84,913

Volatilization of Phosphorus and Fluorine From  
Khibinsk Apatite, by K. Zagvozdkin, S. Bolts, 11  
pp.

RUSSIAN, per, Zhur Prik Khim, Vol XI, 1938,  
pp 1548-1555.

SLA R-2579

Sci - Chem

Jun 59

89,594

Investigation of the Conditions of Preparing  
Used Phosphates, by K. I. Zagvozdkin, N. A.  
Barilko, 14 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XX, 1947,  
pp 502-514.

SLA R-2615

Sci - Chem

Jan 59

89,596

The Heat Evaporation of Water From Phosphoric Acid  
Solutions of Various Concentrations at 600, by K.  
I. Zagvozdkin, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XI, 1938, pp  
1543-1547.

SLA R-2577

Sci - Chem

Jun 59

89,595

The Vapor Pressure of Phosphoric Acid Solutions,  
by I. A. Kablukov, K. I. Zagvedzkin, 15 pp.

RUSSIAN, per, Sci Inst Fertilizer, USSR, No 110, 1933,  
pp 4-11.

SIA Tr R-798

Sci - Chemistry  
Oct 57

54,118

The Theory and Technology of the Electrothermal Distillation of Phosphorus from Phosphates, by K. Zagvozdkin, 22 pp.

RUSSIAN, per, Zhur Khim Prom, Vol XII, 1935, pp 597-603.

SLA R-2933

Sci

Jul 59

92,646

Characteristics of Slags Obtained in the Production  
of Ferromanganophosphorus in the Blast Furnace, by  
A. E. Zagynskii

RUSSIAN, Izv. Akad. Nauk SSSR, Vol LXXXIII, No 2,  
1952, pp 265-267.

Butcher Order No 3042  
Price \$2.65

Scientific - Minerals/Metals

Jun 53 CTS

2243

On the Crystallization Sequence of Non-Metallic Inclusions in Steel and of Sulphides and Oxides in Ores, by A. I. Zagayanski, 14 pp.

RUSSIAN, bk, Trudy Inst Metal Inzhi  
A. A. Baykova Met Metalloved Fiz Khim  
Metody Issledov, No 5, 1960, pp 43-49.  
9671496

173, 798

FTD MCL-1052/1

Sci - Min/Metal; Chem



ZAGYANSKII, A. I.

Characteristic Behavior of Manganese Carbonate Ores  
in Blast Furnace.

DOKLADY AKADEMII NAUK SSSR, vol 76, 1951, No 5,  
pp 721-2; 900 words.

Brutcher No 2719, \$ 1.80

A13309

ZAGYANSKII, I. I.  
SAMSONOV, G. V.  
POPOVA, M. V.

Preparation of Single Crystals of Boron Carbides.

DOKLADY AKADEMII NAUK SSSR, vol 74, 1950, No 4,  
pp 723-4; 700 words.

Brutcher No 2631, § 1.75-

H9444

Complex Use of Iron Ores From the Teshan Site  
(KMR), by A. L. Zagayanskiy, L. A. Petrov, 3 pp.

RUSSIAN, PER, Tsvetnyye Metally, Vol I, No 4,  
1960, pp 7-9

Primary Sources

Sci

Oct 60

130,441

The ~~Journal~~ of ~~the~~ ~~in~~ Blast-Furnaces, by  
A. L. Zagvanskiy. UNCL

SOVIET, FOR, in Ak Bank SSSR, Otdel Tekh Nauk,  
No 1, 1955, pp ~~56-208~~  
98-108

British Iron and Steel Ind  
(no number given)

Sci - Min/Ind  
Sep 59

98, 441

The Problem of the Oxidizability of Boron Nitride,  
by I. L. Zagyanaky and G. V. Samsosov, 2 pp.

Full translation

RUSSIAN, no per, Zhur Prik Khim, Vol XXV, No 5,  
May 1952, pp 557.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7591

Zagyanov, I. L., Sameonov, G. V., and Popova, N. V.  
ON THE QUESTION OF PRODUCING BORON CAR-  
BIDE SINGLE CRYSTALS. [1961] 2p. 1 ref.  
Order from: NIDF 53.00 MDF Z-134

Trans. of Akademiya Nauk SSSR. Doklady, 1950,  
v. 74, no. 3, p. 721-724.

61-12963

- I. Boron carbides --  
Crystallization
- I. Zagyanov, I. L.
- II. Sameonov, G. V.
- III. Popova, N. V.
- IV. MDF Z-134
- V. Friedman, Morris D.  
Inc., West Newton, Mass.

Office of Technical Services

(Physics - Solid State, TTT, v. 5, no. 10)

Zagvondika, K.  
ON THE THEORY OF THERMAL REDUCTION OF  
PHOSPHORUS FROM CALCIUM PHOSPHATES  
ACCORDING TO WUEHLER. [1963] 23p. (figs. omitted).  
12 refs.

Order from OTS or SLA \$2.60 63-16231

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934,  
v. 7, no. 3, p. 455-468.

DESCRIPTORS: \*Phosphorus, \*Calcium compounds,  
\*Phosphates, \*Reduction (Chemistry), Dissociation,  
Reaction kinetics, Temperature, Manufacturing  
methods.

(Chemistry--Physical, TT, v. 10, no. 7)

63-16231

1. Title: Wuehler reaction  
1. Zagvondika, K.

1247392

Office of Technical Services

The Diesel Electric Ship OB', by A. Zagyu.  
RUSSIAN, per, Morskoy Flot, No 3, Mar 1956.

Navy Tr 1565/ONI-79

Sci - Engineering

Dec 57

5-6, 009



Some Problems of the "Rear", by Gen-Lt. M.  
Zagry, 23 pp, (ID 363891). UNCLASSIFIED

RUSSIAN, per, Voyennaya Mysl, No 9, 1946.

ID CSUBA F-6090 D

USSR - Military

July 1951 OTS

A 13310

A New Electric Locomotive of Our Railroad Pool, by  
Miroslav Zah, 7 pp.

CROATIAN, per, Z eleznice Zeleznicki Mesečni  
Stručni Casppis, Belgrade, Dec 1953, pp 420-421.

G2, GSUSA G-5282

EEur - Yugoslavia  
Economic  
Dec 55 CTS/DEX

29,286

(NY-6450/8)

Diesel and Electric Traction on Yugoslav  
Railroads, by Miroslav Zah, 6 pp.

CROATIAN, per, Zeleznice, No 7/8, 1961,  
pp 42, 43.

JPRS 9977

EEur - Yugoslavia

Econ

Sep 61

167,025

The Grade From Sonde II of the New Egyptian Oil  
Field Balayin, by W. Machu, F. El. Zahaby,

GERMAN, no per, Erd Oel und Kohle, Vol IX, No 12,  
1956, pp 852-853.

Tech and Comm  
\$24.50

Sci - Fuels, petroleum  
Aug 57

50,991